



Figure 2

	MONITOR PHOTODIODE CONVERTS OPTICAL BEAM TO A CURRENT
	PROPORTIONAL TO POWER IN OPTICAL BEAM
	BANDWIDTH PROCESSOR EVALUATES BANDWIDTH OF REFERENCE $\sim 3^{\circ}4$
	PHOTODIODE
	<u></u>
	PEAK DETECTOR EXTRACTS AMPLITUDE FOR LOGIC LEVEL "1" FROM 206
	MONITOR PHOTODIODE CURRENT
	308
	DC BIAS EXTRACTOR EXTRACTS DC VOLTAGE LEVEL FROM MONITOR
	PHOTODIODE CURRENT
	BANDWIDTH PROCESSOR ADJUSTS OUTPUT FROM PEAK DETECTOR 210
•	(E.G., AMPLITUDE FOR LOGIC LEVEL "1") IN RESPONSE TO BANDWIDTH
	VARIATIONS
	ADJUSTED LOGIC LEVEL "1" AMPLITUDE IS COUPLED TO LASER
	MODULATION CIRCUITRY, WHICH GENERATES LASER MODULATION 3/2
	VOLTAGE ADJUSTED IN RESPONSE TO BANDWIDTH VARIATIONS OF
	REFERENCE PHOTODIODE
	TEMPERATURE PROCESSOR DERIVES TEMPERATURE OF LASER 3/4
	SYSTEM USING REFERENCE PHOTODIODE
	PROCESSOR ADJUSTS OUTPUT FROM DC BIAS EXTRACTOR (E.G., DC 3/6
	BIAS LEVEL) IN RESPONSE TO TEMPERATURE VARIATIONS
	ADJUSTED LOGIC LEVEL "1" AMPLITUDE COUPLED TO LASER
	MODULATION CIRCUITRY, WHICH GENERATES LASER MODULATION
	CURRENT SWING IN RESPONSE TO BANDWIDTH VARIATIONS OF
	REFERENCE PHOTODIODE
	7 200
	Figure 3 300









